

# Tushar Singhota

+91 8743008308 • tusharsinghota9650@gmail.com • LinkedIn • Github • Leetcode

## EXPERIENCE

### Software Developer

Aug 2024 – Present

*GEDU Global Education*

- Developed a responsive, user-friendly interface using React.js and Next.js, enhancing accessibility across devices.
- Increased user engagement by 45% through the implementation of a real-time application tracking system, allowing students to receive instant updates and notifications, significantly improving user retention and satisfaction.
- Achieved a 50% reduction in deployment time through effective containerization with Docker.
- Enhanced data security and integrity by integrating robust validation mechanisms in the backend with TypeScript and MongoDB, reducing data-related errors by 20%.
- Improved platform load times by 40% by optimizing front-end code and leveraging Next.js's server-side rendering

### Frontend Developer

Mar. 2024 – Aug. 2024

*GEDU Global Education*

*Intern*

- Developed a comprehensive student management system to manage all aspects of student, including academic records, fee management, document details, and more.
- Applied role-based access control to ensure that different users (students, admins, faculty).
- Implemented core features including adding, deleting, and updating student records, along with secure authentication mechanisms.
- Streamlined payment processes by integrating Stripe, leading to a 20% increase in on-time fee payments.
- Improved deployment speed by 60% through the effective use of Docker for containerization.
- Enhanced system efficiency by reducing page load times by 40%.
- Increased user satisfaction by implementing a highly intuitive and responsive UI, resulting in a 30% reduction in user-reported issues.

## EDUCATION

### BTech

*ABES Engineering College*

Computer Science and Engineering

*Aug. 2020 – Jun 2024*

## SKILLS

C, C++, JavaScript, HTML, CSS, SQL, Data Structures and Algorithms, Object Oriented Programming, Computer Networks, Database Management System, Operating System, MongoDB, Express.js, React.js, Node.js, Firebase, Socket.IO, JEST, Git, GitHub, Postman, Linux, Docker

## PROJECTS

### Food Delivery Website

Deployment Link

*Tech Stack: Javascript, Reactjs, Stripe, Nodejs, MongoDB, Express, CI/CD(Render.com,Github,Netlify)*

*Github Link*

- Developed a Full-Stack Food Delivery Platform for seamless food browsing, filtering, and ordering.
- Enabled users to filter foods by type, enhancing the user experience and improving product discoverability.
- Developed functionalities for adding items to the cart, viewing cart details, and proceeding to payment with all necessary validations.
- Created an admin dashboard for managing orders, including changing order statuses (from processing to delivered) and managing the food inventory (adding/removing foods).
- Implemented real-time updates for order status changes, providing both users and admins with timely information
- Ensured efficient server-side processing for handling user requests, payments, and database interactions with MongoDB and Mongoose.

### Modern City Library Website

Deployment Link

*Tech Stack : Javascript, Reactjs,Nodejs, Google Firebase,SMTP*

*Github Link*

- Developed a comprehensive online platform for library owners to efficiently manage student details, seat allocation, and transaction records, transforming traditional paperwork into a digital format.
- Implemented a visual seat allocation system, allowing owners to easily view and manage which seats are occupied, on which floor, and track the history of seat allocations.
- Implemented Firebase Authentication for secure login, configured SMTP servers for email notifications, and supported multiple user configurations for versatile access control.